PROOFER

USE AND INSTRUCTION MANUAL
MODD. KL 822 – KL 823 – KL 833 – KL 864
KL 864/001 – KL 864/002 – KL 898 – KL 1010

rev. 4

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Prodotti mirati per Ristorazioni, Pasticcerie, Panetterie e Gastronomie

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CE DECLARATION OF CONFORMITY

Annexed document II A, of directive 2006/42/EC

Manufacturer	**TECNOEKA Srl**
Address	**Via I. Nievo, 12/B - 35012 Camposampiero (Pd)**
Type of product	**Proofer**
Model	**KL 822 - KL 823 - KL 833 - KL 864 - KL864/001** **KL 864/002 - KL 898 - KL 1010**

TECNOEKA Srl declares that the above mentioned products conform to the safety regulations under:

- Low voltage directive 2006/95/EC

CEI EN 60335-1
CEI-EN 60335-2-49

- Electromagnetic compatibility Directive 2004/108/EC

CEI EN 55014-1
CEI EN 61000-3-2
CEI EN 61000-3-3

- Machine Directive 2006/42/EC;
- Directive on the general safety of products 2001/95/EC;
- Directive on the restriction in the use of dangerous substances in electrical and electronic appliances 2002/95/EC;
- Directive on waste from electrical and electronic appliances 202/96/EC.

Camposampiero, 04/04/2012.

Signature of a Representative of the Board of directors

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1. Technical service

A technical check-up once or twice a year helps prolong the life of the appliance and guarantees better operation. Make sure that assistance is carried out solely and exclusively by qualified personnel. For any spare parts orders or for any information about the appliance, always mention the serial number and model (data indicated on the "technical data" plate at the rear).

2. General warnings

Very important!: keep this instruction book together with the appliance for future consultation.

These warnings were drafted for your safety and for that of others. Please read them carefully before installing or using the appliance:

- If, on receipt of the goods, the **packaging** is damaged, write the following on the delivery note: **"I REVERSE THE RIGHT TO CONTROL THE GOODS"**, specify the damage and get the driver to sign in acceptance; send a claim in writing to the seller within 4 calendar days from the date of receipt. No claim shall be accepted after such period.
- The appliance is intended for professional use and must be utilised by qualified personnel trained to use it.
- Any modification which may be necessary on the electrical system to enable installation of the appliance, must be carried out solely by competent personnel.
- It is dangerous to modify or attempt to modify the characteristics of this appliance.
- Never clean the appliance with direct water jets, because, if any water enters, it could limit the machine's safety .
- Before doing any maintenance or cleaning jobs, disconnect the appliance from the electrical mains and allow it to cool.
- Do not attempt to carry out the periodic controls or any repairs by yourself. Contact the nearest Service Centre and use only original spare parts.

N.B.: Improper or incorrect use and failure to observe the installation instructions shall release the manufacture from all responsibility. In this connection, the directives in the "POSITIONING" paragraph must be strictly observed.

3. Technical specifications

Appliance model	KL 822	KL 823	KL 833	KL 864 KL 864/001 KL 864/002	KL 898	KL 1010
Dimensions of appliance (mm) LxDxH	600x500x850	680x500x850	680x630x850	815x630x850	920x750x870	970x905x720
Weight of appliance (Kg)	25	26	31	40	41	45
Heating power (kW)	1,2	1,2	1,2	2,4	2,4	2,4
Power supply voltage (V~)	(50/60 Hz) 230					
Appliance class	I					
Power cable diameter	3x1,5 mm²					
Type of cable	H07RN-F					
Electric cable connection	Type Y					

The "technical data" plate is positioned on the rear panel of the appliance.

4. Instructions for the installer

The following instructions are aimed at the qualified installer, to ensure that he carries out the installation, adjustment and maintenance operations as correctly as possible and according to current legal regulations. Any operation must be performed with electrical power cut to the appliance.

Before using the appliance, carefully remove the special adhesive film protecting the parts in stainless steel. Do not leave any glue residues on the surfaces. If necessary, remove them at once, with an appropriate solvent.

Positioning - Position the appliance perfectly horizontally (the feet are adjustable) at a distance of not less than 10 cm from the side and rear walls, to enable natural ventilating air to circulate freely around it. The appliance is not suitable for embedding.

Electrical connection - The appliance must be connected to the electrical mains according to current legal regulations. Before making the connection, make sure of the following:

- the voltage and frequency values of the power supply system match the values on the "technical data" plate affixed on the appliance;
- the limiting valve and the system are able to support the appliance's load (see the "technical data" plate);
- **the power supply system has an adequate earth connection according to current legal regulations;**
- a single- pole switch with minimum between-contacts aperture of the overvoltage category III (4000 V), sized to the load and conforming to current legal regulations, is fitted between the appliance and the mains in the direct connection to the mains;
- the single-pole switch used for connection is easy to reach when the appliance is installed;
- **the yellow/green earth wire is not interrupted by the switch;**
- the power supply, when the appliance is operating, must not deviate from the rated voltage value by ±10%.
- **if the supply cable is damaged then it must be replaced by the manufacturer or by your technical support or by a qualified person to avoid any risk.**

Connection of power cable - The terminal board is on the rear panel of the appliance. Open the terminal board cover by obtaining leverage with a screwdriver on the two side fins. Loosen the cable gripper screw and allow the cable to pass through it. Arrange the conductors so that the earth conductor is the last to detach from its terminal if the cable goes into a state of faulty traction. Connect the phase conductor to the terminal marked with the letter "L", the neutral conductor to the terminal marked with the letter "N" and the earth conductor to the terminal marked with the symbol ⏚. Tighten the ring-nut of the cable gripper and close the terminal board cover. The appliance must be connected to an **equipotential system** whose efficiency must first be checked according to current legal regulations. This connection must be made between different appliances by using the appropriate terminal marked with the symbol ⏚. The equipotential conductor must have a minimum diameter of 2,5 mm^2 The equipotential terminal is at the rear of the appliance.

Connection to water mains (mod. KL 1010) -The appliance must be supplied with softened drinking water with a hardness value of 0,5°F to 3°F (**It is obligatory to use water softener to reduce the formation of scaling inside the proofing chamber**). The water pressure must be in the range of 100 to 200 kPa (1,0 – 2,0 bar).

The connection to the water supply is done using the 3/4" threaded solenoid valve on the back (at the bottom) of the appliance, fitting a mechanical filter with a cut-off cock (before connecting the filter, allow a certain amount of water to flow out in order to remove any waste from the pipe).

5. Use instructions (for the user)

This appliance is not intended for use by persons (including children) with reduced phycal, sensory or mental capabilities, or lack of experience and knowledge. Unless they have beengiven supervision or instruction concerning use of appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

For the first use, we advise you to run the appliance load-free for at least 15-20 minutes. In this way, any unpleasant smells due to residual work grease are eliminated.

This appliance must be used solely for the purpose for which it was expressly designed, i.e. heating and leavening frosted foods.

Do not enter salt or salty food in proofing chamber. Salt can irreparably damage the appliance. Manufacturer denies any responsibility for damages.

6. Residual risks (for the user)

Keep away from the machine personnel not trained to use it.

The appliance contains electrical parts and must never be washed with a jet of water or steam.

The appliance is electrically connected: before attempting any cleaning operation, cut power to the appliance.

Do not use the door handle to move the appliance (the glass panel may break).

7. How to use the control panel

Key to the symbols on the control panel:

ON/OFF" switch key To electrically power up the appliance (green 'eye'=OFF/red 'eye'=ON).	
Temperature knob To vary the heating temperature for values from 30°C and 50°C.	
Humidifier buttom (Mod. KL 1010) To produce humidity inside the proofing chamber while the appliance is operating and the chamber is hot.	

Control thermostat indicator light - The indicator light of the control thermostat goes OFF whenever the selected temperature is reached in the leavening compartment.. It lights up again when the thermostat is tripped to re-establish this temperature.

8. Routine cleaning and maintenance (WARNING: Cut power to the appliance before every operation)

General cleaning - Clean the appliance when it is cool To clean the steel parts, do not use products containing chlorine (sodium hypochlorite, hydrochloric acid, etc) even if diluted. Use specific off-the-shelf products or a little hot vinegar. Rinse thoroughly with water and dry with a soft cloth. Clean the glass door with hot water only, and do not use rough cloths. Do not wash the appliance with direct jets of water, because if water enters, this could limit the appliance's safety. Do not use corrosive substances (e.g. hydrochloric acid) to clean the floor near to where the appliance could be located: the vapours released by this acid could corrode and damage the appliance's outer housing in steel.

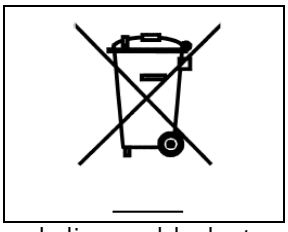
9. Technical assistance

Before leaving the factory, the appliance was completely regulated and tested by expert specialised personnel to guarantee the best operating results.

All repairs and settings must be performed with utmost care and attention, respecting national safety regulations in force. Always contact your retailer or our nearest Service Centre, giving details of the problem, the appliance model and the serial number (on the rating plate on the rear panel).

For any maintenance the user can contact Tecnoeka by calling the telephone numbers on the cover or going to www.tecnoeka.com.

10. Informations to the consumers



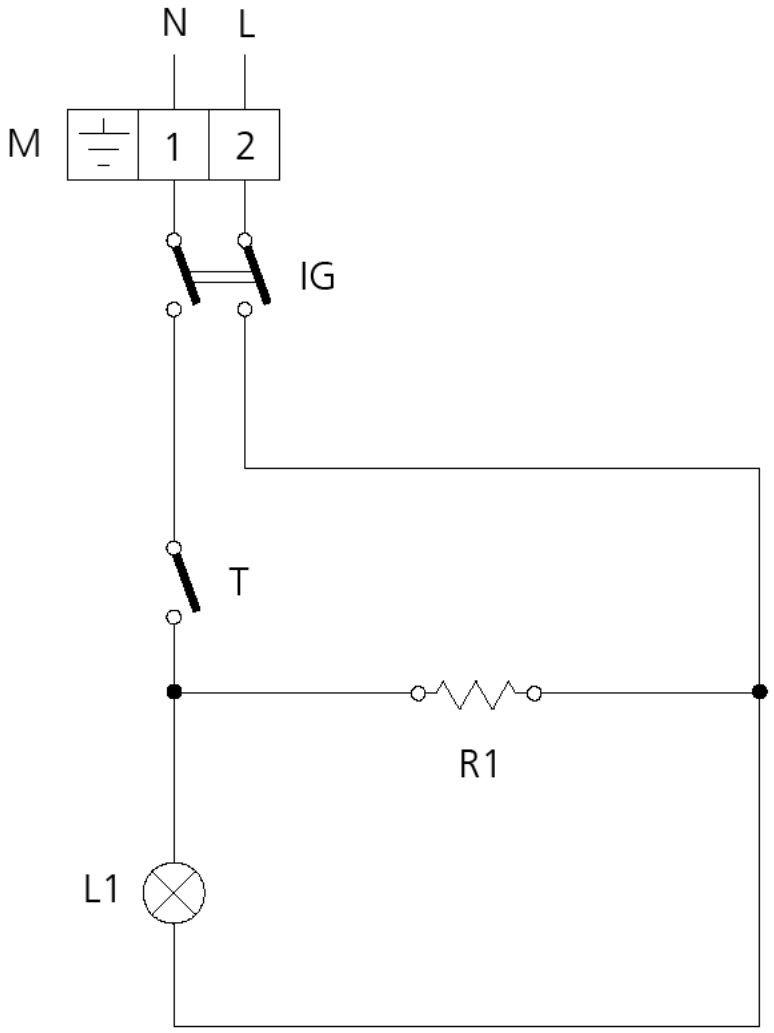
Further to Directive 2002/96/EC, the symbol of the crossed rubbish skip on the appliance means that at the end of its life, the product must be disposed of separately from the other rubbish. The user must hand the appliance to a specialised waste collection centre for electric and electronic equipment.

The separate collection of the rubbish and subsequent treatment, recovery and disposal help to produce other equipment using recycled materials, reducing the negative effects on the environment and public health, which would be caused by incorrect management of the rubbish.

Should the user dispose of the product abusively, administrative sanctions would be applied.

11. Wiring layout

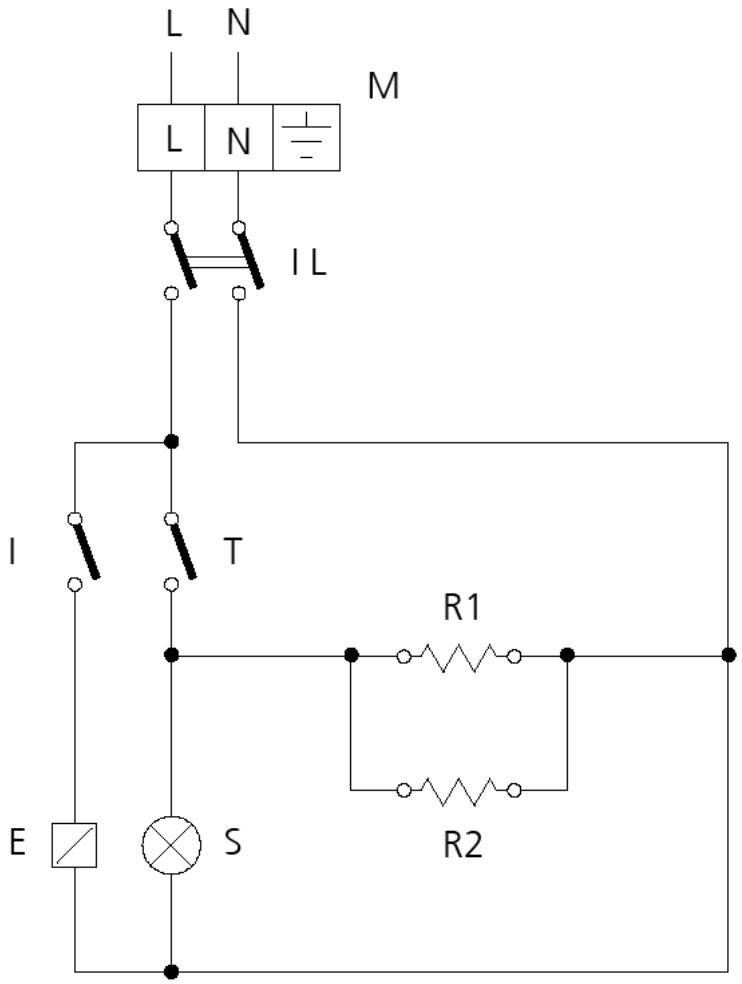
WIRING LAYOUT MODD. KL 822 – KL 823 – KL 833 – KL 864
KL 864/001 – KL 864/002 – KL 898



Key

M	Power terminal board	L1	Thermostat indicator light
IG	Power line switch	R1	Heating elements
T	Control thermostat		

WIRING LAYOUT MOD KL 1010



Key

M	Power terminal board	S	Thermostat indicator light
IL	Power line switch	R1-R2	Heating elements
T	Control thermostat	I	Humidifier switch
E	Humidifier solenoid-valve		

12. The Warranty

Your appliance is covered by warranty. The seller will replace or repair (and his decision will be final), free of charge for the customer, only those parts that are defective due to a manufacturing fault on condition that, under penalty of forfeiture:

- for domestic equipment, the customer notifies the fault within two months from the date when he/she discovered it and anyway within 2 years form the date of purchase;
- for professional equipment, the customer notifies the fault within 8 days from the date when he/she discovered it and anyway within 12 months from the date of purchase,

by registered letter with acknowledgement of receipt and enclosing the invoice or receipt proving the purchase.

Apart from the case when the customer cannot produce the invoice or receipt proving the purchase or when the above-mentioned terms are not complied with, the **warranty is expressly excluded** in the following cases:

1) faults or breakage caused by the transport;
2) wrong or incorrect installation of the product (for instance because of insufficient draught of the flue or exhausts) in light of the instructions given in the user's handbook supplied with the product;
3) inadequate or abnormal electrical, hydraulic and/or gas supplies;
4) carelessness, negligence or incompetence in using the product in light of the instructions given in the user's handbook supplied with the product;
5) use of the product for uses different from the one for which it was built or anyway in a manner not compliant with the instructions given in the user's handbook supplied with the product;
6) tampering with the product;
7) adjustments and/or maintenance and/or repairs carried out by unauthorised personnel and/or with non original spare parts;
8) inadequate or careless maintenance of the product in contrast with the user's handbook supplied with the product;
9) damages caused by fire, natural disasters and accident as well as by any cause not attributable to TECNOEKA SRL.

The warranty explicitly excludes: varnished or enamelled parts, knobs, handles, movable or removable plastic parts, bulbs, glass parts, refractories and any accessories.

TECNOEKA SRL cannot be held responsible for any damages, either direct or indirect, caused by the product breaking down or following its non-use.

Any repairs carried out during the warranty do not cause said warranty to be extended or renewed.

Nobody is authorised to modify the terms and conditions of the warranty or to issue new verbal or written warranties.

The warranty is valid only for appliances installed in the European Union.

Any dispute shall be settled by the competent Court in Padua.

Warning for the Buyer:

1. the cooking appliance is designed only for cooking purposes while the heating appliance is designed only for heating domestic environments;
2. TECNOEKA S.r.l. does not install the appliances; the seller shall be responsible for any installation carried out;
3. TECNOEKA S.r.l. cannot be held responsible for any damages, either direct or indirect, to people, pets or property caused by the appliance breaking down or following its non-use.

The Manufacturer cannot be held responsible for any inaccuracies due to misprints or mistakes in copying in this handbook. The Manufacturer reserves the right to modify the products as he deems fit, also in the interest of the user, without affecting the vital characteristics of functionality and safety.